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## Inventor Information for 10/617205

Inventor Name	City	State/Country
AMANO, KAZUHIKO	YOKOHAMA-SHI	JAPAN
TANAKA, HIROAKI	FUKUOKA-SHI	JAPAN

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US 6515719 B2	20030204	Liquid crystal display apparatus and manufacturing method for the same	349/38	349/129; 349/138; 349/139; 349/187; 349/39; 349/43	Yamaguchi; Hirotaka et al.
US 6496684 B2	20021217	SPST switch, SPDT switch, and communication apparatus using the SPDT switch	455/78	333/103; 333/262; 455/73	Nakao; Motoyasu et al.
US 6468840 B2	20021022	Active matrix substrate and manufacturing method thereof	438/149	257/E21.414; 257/E21.703; 257/E27.111; 257/E29.117; 257/E29.147; 257/E29.282; 438/29; 438/736; 438/738	Tanaka; Hiroaki et al.
US 6449737 B1	20020910	Command executing method of information reproducing apparatus, record medium for recording program that causes information reproducing apparatus to execute command, and disc reproducing apparatus	714/38	711/114	Tanaka; Hiroaki et al.
US 6449307 B1	20020910	Apparatus for measuring electrical	375/146	324/763; 370/241;	Ishikawa; Yohei et al.

		characteristics of circuit		375/228	
US 6432060 B1	20020813	Blood pressure monitor and pulse wave detection apparatus	600/490	600/485; 600/500	Amano; Kazuhiko
US 6430112 B1	20020806	Watch character panel and watch	368/223	368/233	Amano; Kazuhiko
US 6428299 B1	20020806	Apparatus for manufacturing a golf ball with an initial preparatory form having a seam	425/116	425/395; 425/408	Tanaka; Hiroaki et al.
US 6428154 B1	20020806	Ink cartridge and a method for sealing an aperture provided for such cartridge	347/86		Kamiyama; Yuji et al.
US 6422088 B1	20020723	Sensor failure or abnormality detecting system incorporated in a physical or dynamic quantity detecting apparatus	73/754		Oba; Nobukazu et al.
US 6414918 B1	20020702	Disc reproducing apparatus and disc reproducing method	369/47.24	369/124.13; 369/47.26; 369/47.3	Tanaka; Hiroaki et al.
US 6413464 B1	20020702	Rubber composition for use in injection molding, golf ball including the same, and golf ball producing method	264/328.2	264/331.13; 473/371; 473/372; 525/263; 525/274; 525/301; 525/305	Tanaka; Hiroaki
US 6411181 B1	20020625	Dielectric resonator, inductor, capacitor, dielectric filter, oscillator, and communication device	333/219	333/134; 333/204	Ishikawa; Yohei et al.
US 6396142 B1	20020528	Semiconductor device	257/712	257/667; 257/706; 257/E23.092	Ito; Fujio et al.
US 6364842 B1	20020402	Diagnostic apparatus for analyzing arterial pulse waves	600/485	600/500	Amano; Kazuhiko et al.
US 6361501 B1	20020326	Pulse wave diagnosing device	600/500	600/485	Amano; Kazuhiko et al.
US 6358031	20020319	Golf ball-shaping mold	425/116	249/79;	Kikuchi;

B1		and cavity die		425/548; 425/552	Masaaki et al.
US 6346863 B1	20020212	Directional coupler	333/116	333/117	Sasaki; Yutaka et al.
US 6339967 B1	20020122	Vibration dampening hypoid gear structure	74/409	74/388PS; 74/443	Tanaka; Hiroaki et al.
US 6334850 B1	20020101	Method of detecting pulse wave, method of detecting artery position, and pulse wave detecting apparatus	600/500		Amano; Kazuhiko et al.
US 6332674 B1	20011225	Ink cartridge and a method for sealing an aperture provided for such cartridge	347/86		Kamiyama; Yuji et al.
US 6331159 B1	20011218	Device for measuring physiological state	600/300	600/500; 600/508	Amano; Kazuhiko et al.
US 6329825 B1	20011211	Sensing apparatus having a sensing bridge circuit and a temperature detecting bridge circuit for detecting a physical quantity and a related temperature compensating method	324/725	324/706; 324/721; 374/143; 73/1.88; 73/708; 73/721	Tanaka; Hiroaki et al.
US 6326866 B1	20011204	Bandpass filter, duplexer, high-frequency module and communications device	333/203	333/134; 333/204	Sasaki; Yutaka et al.
US 6312487 B1	20011106	Polishing compound and an edge polishing method thereby	51/309	106/3; 252/79.2; 252/79.4; 438/692; 438/693; 451/36; 451/37; 51/308	Tanaka; Hiroaki
US 6308263 B1	20011023	Pipeline processing apparatus for reducing delays in the performance of processing operations	712/230		Hayakawa; Hiroshi et al.
US 6300498	20011009	Substituted ammonium	544/185	149/36;	Tanaka;

B1		salt of 1,5'-bitetrazole		544/196; 544/336; 544/358; 544/410; 548/251	Hiroaki et al.
US 6300249 B1	20011009	Polishing compound and a method for polishing	438/693	252/79.1; 252/79.2; 257/E21.23; 51/306; 51/308; 51/309	Yoshida; Akitoshi et al.
US 6293915 B1	20010925	Pulse wave examination apparatus, blood pressure monitor, pulse waveform monitor, and pharmacological action monitor	600/501	600/485; 600/500	Amano; Kazuhiko et al.
US 6290580 B1	20010918	Polishing method for silicon wafers which uses a polishing compound which reduces stains	451/44	451/289	Tanaka; Hiroaki et al.
US 6287744 B1	20010911	Method of and apparatus for manufacturing instant photography film unit	430/207	396/528; 396/583; 430/208; 430/209; 430/498; 430/499	Shimizu; Makoto et al.
US 6287262 B1	20010911	Device for measuring calorie expenditure and device for measuring body temperature	600/500	600/300; 600/301	Amano; Kazuhiko et al.
US 6281762 B1	20010828	SPST switch, SPDT switch, and communication apparatus using the SPDT switch	333/103	327/308; 333/262	Nakao; Motoyasu et al.
US 6281294 B1	20010828	Golf ball	525/274	473/371; 473/372; 473/377; 525/305	Tanaka; Hiroaki
US 6272513 B1	20010807	Multiplying device	708/628	708/630	Douzono; Hiroaki et al.
US 6261235 B1	20010717	Diagnostic apparatus for analyzing arterial pulse waves	600/485	600/500; 600/503	Amano; Kazuhiko et al.

US 6258571 B1	20010710	High throughput DNA sequencing vector	435/91.42	435/320.1; 435/473; 435/6; 435/91.1; 536/23.1; 536/23.2; 536/24.1; 536/24.3	Chumakov; Ilya et al.
US 6249858 B1	20010619	Information processing apparatus having a CPU and an auxiliary arithmetic unit for achieving high-speed operation	712/34	712/221; 712/9	Hayakawa; Hiroshi et al.
US 6241684 B1	20010605	Exercise workout support device	600/531	600/503; 600/529	Amano; Kazuhiko et al.
US 6238272 B1	20010529	Polishing compound and a polishing method for silicon wafer	451/41	438/692; 438/693; 451/287; 451/36; 451/60	Tanaka; Hiroaki et al.
US 6232846 B1	20010515	Oscillator module and communications device using the same	331/107A	331/154; 331/175; 331/68	Hirano; Yasuhiko et al.
US 6218717 B1	20010417	Semiconductor pressure sensor and manufacturing method thereof	257/419	257/418	Toyoda; Inao et al.
US 6217523 B1	20010417	Blood pulse wave detecting apparatus and motion intensity measuring apparatus	600/500	600/310; 600/483	Amano; Kazuhiko et al.
US 6210340 B1	20010403	Blood pulse measuring device, pulsation measuring device, and pressure measuring device	600/500	600/485	Amano; Kazuhiko et al.
US 6195058 B1	20010227	Dielectric lens, dielectric lens antenna including the same, and wireless device using the same	343/753	343/755	Nakamura; Fuminori et al.
US 6187897 B1	20010213	Vinyl-group-containing dendrimer and curable composition	528/310	424/DIG.16; 524/252; 525/410;	Kawashima; Miki et al.

				525/418; 525/419; 528/332; 528/363; 528/373	
US 6184561 B1	20010206	Semiconductor pressure sensor having strain gauges and stress balance film	257/417	257/E29.324	Tanaka; Hiroaki et al.
US 6181731 B1	20010130	Spread spectrum communication device	375/144	375/148; 375/346; 375/350	Kochi; Tetsuya et al.
US 6171242 B1	20010109	Device for measuring physiological state	600/423	600/481; 600/560	Amano; Kazuhiko et al.
US 6170349 B1	20010109	Vibration dampening hypoid gear structure	74/409	74/388PS; 74/443	Tanaka; Hiroaki et al.
US 6162185 A	20001219	Touch detecting device, touch notifying device, information inputting device, touch replicating device, touch transmission system, pulse diagnostic device, pulse diagnosis training device, and pulse diagnostic information transmission device	600/557	600/502	Amano; Kazuhiko et al.
US 6136943 A	20001024	Multi-branched compounds and curable composition	528/111	525/329.3; 528/113; 528/123; 546/189; 546/196; 564/156; 564/160	Kawashima; Miki et al.
US 6126595 A	20001003	Device for diagnosing physiological state and device for controlling the same	600/300	600/301; 600/322; 600/481; 600/485; 600/490; 600/493; 600/494; 600/500; 600/503; 600/529;	Amano; Kazuhiko et al.

				600/532; 600/538; 600/544; 600/549; 600/561	
US 6100950 A	20000808	Active matrix LCD with thin film transistor switches and method of producing the same	349/47	349/143; 430/30	Tanaka; Hiroaki
US 6095984 A	20000801	Arrhythmia detecting apparatus	600/500	600/481; 600/513; 600/515	Amano; Kazuhiko et al.
US 6085578 A	20000711	Apparatus and method for detecting mass eccentricity	73/65.02		Tanaka; Hiroaki et al.
US 6081742 A	20000627	Organism state measuring device and relaxation instructing device	600/513	600/484	Amano; Kazuhiko et al.
US 6075565 A	20000613	Solid-state image sensing apparatus and its driving method	348/312	257/232; 348/315; 348/317; 348/322	Tanaka; Hiroaki et al.
US 6066995 A	20000523	Four-phase phase converter	333/161	333/116	Yagi; Yoshikazu et al.
US 6061550 A	20000509	Radio transmitter	455/91	455/121; 455/129	Tanaka; Hiroaki et al.
US 6048953 A	20000411	Curable liquid resin composition	526/318.4	525/303; 526/242; 526/279; 526/318.41; 526/318.42; 526/329.2; 526/329.3; 526/330; 526/332; 526/342	Kawashima; Miki et al.
US 6042549 A	20000328	Exercise intensity measuring device and exercise quantity measuring device	600/500	600/503	Amano; Kazuhiko et al.
US 6040745 A	20000321	Unbalanced-to-balanced converter	333/26	333/25	Tanaka; Hiroaki et al.
US 6039910 A	20000321	Golf ball and manufacturing method	264/248	264/250; 264/267;	Tanaka; Hiroaki et al.

		of golf ball core		264/279.1; 264/320; 473/239; 473/264; 473/373; 473/374; 473/376	
US 6036907 A	20000314	Method for manufacturing a golf ball with an initial preparatory form having a seam	264/250	264/248; 264/271.1; 264/279.1	Tanaka; Hiroaki et al.
US 6034989 A	20000307	Spread-spectrum communication device	375/150	375/152; 375/350; 455/307	Kochi; Tetsuya et al.
US 6030342 A	20000229	Device for measuring calorie expenditure and device for measuring body temperature	600/301	600/500; 600/503; 600/549; 702/131	Amano; Kazuhiko et al.
US 6022716 A	20000208	High throughput DNA sequencing vector	435/91.42	435/320.1; 435/476; 435/91.4; 435/91.5; 536/23.2; 536/23.7; 536/24.1; 536/24.33	Chumakov; Ilya et al.
US 6022321 A	20000208	Blood pulse wave detecting apparatus and motion intensity measuring apparatus	600/500	600/485	Amano; Kazuhiko et al.
US 6016087 A	20000118	Coupled microstrip lines	333/116	156/47; 29/829; 333/238	Sasaki; Yutaka et al.
US 6003127 A	19991214	Pipeline processing apparatus for reducing delays in the performance of processing operations	712/234		Hayakawa; Hiroshi et al.
US 5994470 A	19991130	Golf ball	525/183	473/354; 473/365; 473/372; 473/385; 525/92A	Tanaka; Hiroaki et al.
US 5990987 A	19991123	Transverse electrical field LCD with islands	349/43	349/139; 349/141	Tanaka; Hiroaki



		having a pattern the same as the combined pattern of gate electrodes, gate bus lines and counter electrodes			
US 5986525 A	19991116	Filter device having a distributed-constant-line-type resonator	333/203	333/204	Sasaki; Yutaka et al.
US 5986316 A	19991116	Semiconductor type physical quantity sensor	257/419	257/420; 257/627; 257/730; 257/794; 73/727	Toyoda; Inao et al.
US 5982032 A	19991109	Electronic device having FETs on a low dielectric constant GaAs base member and passive elements on a high dielectric constant base member	257/728	257/506; 257/725; 257/E25.029	Ishikawa; Yohei et al.
US 5978721 A	19991102	Steering control apparatus utilizing a hysteresis control of a steering torque	701/41	180/443; 701/42	Kagawa; Kazunori et al.
US 5950937 A	19990914	Alumina-zirconia sintered body, production thereof, and impact grinder using said alumina-zirconia sintered body	241/27	241/188.2; 241/195; 241/291	Iwai; Akihito et al.
US 5941837 A	19990824	Health management device and exercise support device	600/595	600/503	Amano; Kazuhiko et al.
US 5938762 A	19990817	Method and apparatus for performing exception processing routine in pipeline processing	712/244	712/220; 712/236; 712/245	Hayakawa; Hiroshi et al.
US 5936486 A	19990810	Active filter with surface acoustic wave resonator filter having multiple resonant modes	333/193	333/195	Tanaka; Hiroaki
US 5931250 A	19990803	Automatic steering apparatus	180/167	180/443; 74/552	Kagawa; Kazunori et

					al.
US 5930287 A	19990727	Spread-spectrum communication apparatus	375/130		Kochi; Tetsuya et al.
US 5914515 A	19990622	Semiconductor device	257/351	257/374; 257/508; 257/E27.112	Fukumoto; Harutsugu et al.
US D410674 S	19990608	Tape writing device	D18/19		Tanaka; Hiroaki et al.
US 5906645 A	19990525	Auto-drive control unit for vehicles	701/23	180/167; 340/903; 701/88	Kagawa; Kazunori et al.
US 5877973 A	19990302	Logic operation circuit and carry look ahead adder	708/711		Kato; Koji et al.
US 5877105 A	19990302	Alumina-zirconia sintered body, production thereof, and impact grinder using said alumina-zirconia sintered body	501/105	423/608; 423/625; 501/107; 501/127	Iwai; Akihito et al.
US 5873784 A	19990223	Power steering system having a mechanical safety breaker	464/32	403/2; 403/358	Iwasaki; Takashi et al.
US 5867233 A	19990202	Active matrix liquid crystal display substrate with island structure covering break in signal bus line and method of producing same	349/43	349/42; 438/159	Tanaka; Hiroaki
US 5856813 A	19990105	Electroluminescent display device for performing brightness control	345/76	345/208	Katayama; Osamu et al.
US 5845856 A	19981208	Pin mill type crusher	241/79.1	241/188.2; 241/245; 241/300	Tanaka; Hiroaki et al.
US 5824740 A	19981020	Golf ball	525/71	473/372; 473/378; 473/385; 525/72; 525/74; 525/93	Yabuki; Yoshikazu et al.
US 5820486 A	19981013	Golf ball	473/374	273/DIG.6; 473/373; 473/378	Tanaka; Hiroaki et al.

US 5818308 A	19981006	Coupled line element	333/116	333/26	Tanaka; Hiroaki et al.
US 5814844 A	19980929	Gate array having highly flexible interconnection structure	257/206	257/204; 257/207; 257/211; 257/773; 257/E27.108	Nagata; Takashi et al.
US 5812022 A	19980922	Differential amplifier circuit having low noise input transistors	327/563	327/391; 327/53; 327/66; 330/253; 330/257	Hirano; Tetsuo et al.
US 5802688 A	19980908	Method of producing electronic parts with an electrode pattern between two dielectric substrates	29/25.42	29/602.1; 29/825; 29/854	Tanaka; Hiroaki
US 5787031 A	19980728	Divider and multiplier/divider using said divider	708/653	708/625	Ichikawa; Kohji et al.
US 5786616 A	19980728	Semiconductor integrated circuit having an SOI structure, provided with a protective circuit	257/358	257/350; 257/355; 257/360; 257/379; 257/E27.112	Fukumoto; Harutsugu et al.
US 5774069 A	19980630	Auto-drive control unit for vehicles	340/903	180/167; 340/436; 340/905; 701/24; 701/301	Tanaka; Hiroaki et al.
US 5771376 A	19980623	Pipeline arithmetic and logic system with clock control function for selectively supplying clock to a given unit	712/220	712/200	Hayakawa; Hiroshi et al.
US 5755229 A	19980526	Pulse wave analysis device	600/500		Amano; Kazuhiko et al.
US 5744831 A	19980428	Solid-state image pick-up device	257/225	257/222; 257/227; 257/230; 257/231; 257/233; 257/E27.152; 257/E31.084; 348/317;	Tanaka; Hiroaki

				348/319; 348/320	
US 5735799 A	19980407	Pulse-wave processing device	600/500	600/485	Baba; Norimitsu et al.
US 5730663 A	19980324	Solid golf ball	473/373	473/374; 473/378	Tanaka; Hiroaki et al.
US 5730137 A	19980324	Medication delivery control and pulse wave detection apparatus	600/485	600/500; 600/503; 604/66	Amano; Kazuhiko et al.
US 5729725 A	19980317	Mask data generator and bit field operation circuit	712/224		Kato; Koji et al.
US 5727131 A	19980310	Neural network learning device	706/23	706/14; 706/26	Nakamura; Joji et al.
US 5717364 A	19980210	Mixer	332/135	327/119; 331/42; 332/146; 332/178; 455/333	Ariie; Mitsuo et al.
US 5704363 A	19980106	Pressure sensor, pressure fluctuation detector and pulse detector using the pressure sensor	600/500		Amano; Kazuhiko
US 5691747 A	19971125	Electronic pointing device	345/167	345/156; 345/157; 345/158; 345/163; 715/857	Amano; Kazuhiko
US 5663235 A	19970902	Golf ball	525/201	473/372; 473/377; 473/385; 525/196; 525/221	Tanaka; Hiroaki
US 5659521 A	19970819	Electronic watch with multiple function display	368/10	368/28; 368/29; 368/80	Amano; Kazuhiko
US 5653647 A	19970805	Solid golf ball	473/377	473/372	Tanaka; Hiroaki et al.
US 5646292 A	19970708	Blowing agents of tetrazoles and their derivatives	548/251		Nakagawa; Satoshi et al.
US 5643497 A	19970701	Aqueous zirconia sol and method of preparing same	516/90	106/38.27; 106/450; 51/309	Kaga; Takao et al.

US 5638341 A	19970610	Watch character panel and watch	368/223	368/233	Amano; Kazuhiko
US 5627493 A	19970506	Semiconductor device having supply voltage debosting circuit	327/546	327/407; 327/525; 327/530; 327/535; 327/545; 365/226	Takeuchi; Yoshiaki et al.
US 5625169 A	19970429	Electronic parts with an electrode pattern between two dielectric substrates	174/250	174/255; 174/261; 333/116; 333/204; 361/271; 361/792	Tanaka; Hiroaki
US 5623933 A	19970429	Pulse wave analysis device	600/500		Amano; Kazuhiko et al.
US 5619512 A	19970408	Integrated circuit having self-testing function	714/733	714/718; 714/736; 714/744	Kawashima; Takeshi et al.
US D375288 S	19961105	Automotive washer tank	D12/218	D12/400	Tanaka; Hiroaki
US 5541841 A	19960730	Vehicle speed responsive power steering system with means for assisting steered state	701/41	180/446	Tanaka; Hiroaki
US 5476242 A	19951219	Structure for mounting motor pump on automotive window washer tank	248/674	280/834	Tanaka; Hiroaki
US 5454559 A	19951003	Rubber member for paper feed device	271/272	271/264; 399/361; 428/36.8; 428/36.9; 492/59; 524/186; 524/433; 524/514	Murakami; Hirotoishi et al.
US 5422854 A	19950606	Sense amplifier for receiving read outputs from a semiconductor memory array	365/210	365/185.21; 365/207	Hirano; Tetsuo et al.
US 5357193 A	19941018	Semiconductor memory having a voltage stress applying circuit	324/158.1	365/201; 714/718	Tanaka; Hiroaki et al.

US 5347145 A	19940913	Pad arrangement for a semiconductor device	257/48	257/203; 257/208; 257/E23.02	Tanaka; Hiroaki et al.
US 5346927 A	19940913	Blowing agents of the tetrazoles and their derivatives	521/90	548/101; 548/109; 548/250; 548/251; 548/252; 548/253; 548/254	Onishi; Atsuhiko et al.
US 5331017 A	19940719	Blowing agents of the tetrazoles and their derivatives	521/90	521/128; 548/250; 548/252	Onishi; Atsuhiko et al.
US 5315037 A	19940524	Process for purification of acrylic acid	562/545	562/600	Sakamoto; Kazuhiko et al.
US 5282167 A	19940125	Dynamic random access memory	365/206	365/189.01; 365/201	Tanaka; Hiroaki et al.
US 5279995 A	19940118	Zirconia ceramics	501/103	501/104	Tanaka; Hiroaki et al.
US 5264808 A	19931123	Substrate potential adjusting apparatus	331/57	327/534; 331/179; 331/49	Tanaka; Hiroaki
US 5255229 A	19931019	Dynamic random access memory including stress test circuitry	365/201	365/149; 365/203; 365/206	Tanaka; Hiroaki et al.
US 5251269 A	19931005	Multi-layer neural network modelled after the striate cortex for recognizing visual patterns	382/158	706/20; 706/31	Korner; Edgar et al.
US 5225753 A	19930706	Electric control apparatus for four-wheel steering system	318/560	180/415; 318/434; 318/587	Koike; Shin et al.
US 5212642 A	19930518	Electric control apparatus for four-wheel steering system	701/41	180/415	Tanaka; Hiroaki et al.
US 5202570 A	19930413	Gas detection device	250/575	250/205; 250/338.5; 250/339.13; 250/573	Tanaka; Hiroaki et al.
US 5160604 A	19921103	Toxic substance-detecting system with fixed microorganism membrane for water	204/403.06	204/403.07; 210/321.69; 210/500.29; 210/85;	Nakamura; Eiichi et al.

		quality-monitoring		210/96.2; 422/79; 435/252; 435/260; 435/286.5; 435/287.1; 435/32; 700/266; 73/863.24	
US 5094391 A	19920310	Pneumatic classifier	241/79.1		Tamashige; Takamiki et al.
US 5059929 A	19911022	Dielectric resonator	333/219.1	333/228; 333/234	Tanaka; Hiroaki
US 5032811 A	19910716	Magnetostatic wave filter	333/208	333/202; 333/219.2	Nishikawa; Toshio et al.
US 5024101 A	19910618	Power source circuit and bridge type measuring device with output compensating circuit utilizing the same	73/766		Tanaka; Hiroaki et al.
US 4997120 A	19910305	Method and apparatus for controlling tension with a lock mechanism	226/44	226/25; 242/418.1	Tanaka; Hiroaki et al.
US 4985709 A	19910115	Magnetostatic wave device	343/787	333/100; 333/136; 333/161	Nishikawa; Toshio et al.
US 4970694 A	19901113	Chip enable input circuit in semiconductor memory device	365/233	365/230.06; 365/230.08	Tanaka; Hiroaki et al.
US 4961028 A	19901002	Lighting equipment	315/91	315/88; 315/90	Tanaka; Hiroaki
US 4931727 A	19900605	Moving body speed detecting device which produces and detects a magnetic pole on the body surface	324/172	188/181R; 324/174	Yamanoue; Kouichi et al.
US 4919795 A	19900424	Leakage prevention apparatus for a classifier	209/135	209/139.2; 209/154; 209/714; 277/411; 55/406	Fujii; Satoru et al.
US 4818376 A	19890404	Leakage prevention apparatus for a classifier	209/135	209/148; 209/154; 209/714	Tanaka; Hiroaki et al.

US 4816788 A	19890328	High frequency band-pass filter	333/203	330/53; 333/202; 333/204; 333/217	Ishikawa; Youhei et al.
US 4814657 A	19890321	Energy converting device	310/309		Yano; Masafumi et al.
US 4813507 A	19890321	Axle beam including a protecting member	280/80.1	172/508; 301/124.1	Tanaka; Hiroaki et al.
US 4750584 A	19880614	Distance measuring device	181/123	340/446; 367/117; 367/140; 367/901; 367/99	Tanaka; Hiroaki et al.
US 4745606 A	19880517	Dual-wavelength laser apparatus	372/23	372/26; 372/28; 372/32; 372/38.01	Uehara; Kiyoji et al.
US 4638249 A	19870120	Incremental encoder rotational position detector	324/166	324/660; 340/870.37	Tanaka; Hiroaki et al.
US 4633709 A	19870106	Vehicle turn angle detecting device	73/178R	701/1; 701/200; 701/217	Numata; Koji et al.
US 4630047 A	19861216	Capacitive-type position and reference angular rotation detecting apparatus	324/660	318/662	Tanaka; Hiroaki et al.
US 4625411 A	19861202	Apparatus for detecting rotation of steering wheel	33/1PT	324/725; 33/1N; 340/870.37	Kashiwagi; Hideki et al.
US 4623889 A	19861118	Signal transmitting device	340/870.37	307/10.1; 324/660; 74/485	Tanaka; Hiroaki et al.
US 4613906 A	19860923	Picture combining apparatus	348/239	345/629	Tanaka; Hiroaki et al.
US 4563683 A	19860107	Capacitive-type position and reference angular rotation detecting apparatus	324/660	341/15	Tanaka; Hiroaki et al.
US 4523195 A	19850611	Rotational direction and angle detecting apparatus	340/870.37	324/660	Tanaka; Hiroaki et al.
US 4514041 A	19850430	Polarizer with electrode thereon in a liquid crystal display	349/96	349/158; 349/162; 359/900	Tanaka; Hiroaki



US 4499465 A	19850212	Capacitive-type incremental and reference angular rotation detecting apparatus	340/870.37	318/662; 324/660	Tanaka; Hiroaki et al.
US 4477810 A	19841016	Capacity type rotation detecting apparatus	340/870.37	324/725; 341/15	Tanaka; Hiroaki et al.
US 4440029 A	19840403	Impact flow meter	73/861.73		Tomiyasu; Hiroshi et al.
US 4428232 A	19840131	Capacitance liquid level detector	73/304C	331/65; 361/738	Tanaka; Hiroaki et al.
US 4423417 A	19831227	Capacitance type distance detecting apparatus	324/660	324/725	Tanaka; Hiroaki et al.
US 4418348 A	19831129	Rotation position detector using stationary and rotatable disk plates	340/870.37	324/725; 341/15	Tanaka; Hiroaki et al.
US 4418347 A	19831129	Rotational position detecting apparatus	324/660	324/725; 341/15	Tanaka; Hiroaki et al.
US 4398136 A	19830809	Controller for automatic tool changer	318/561	318/467; 408/8; 483/7	Tanaka; Hiroaki
US 4384262 A	19830517	Temperature responsive astable multivibrator	331/66	331/113R; 340/584; 340/598; 374/145; 374/178	Akita; Sigeyuki et al.
US 4350981 A	19820921	Capacitive rotational position detector	324/660	324/725	Tanaka; Hiroaki et al.
US 4316158 A	19820216	R-C Oscillators using plural inverters	331/111	331/57; 331/DIG.3	Akita; Sigeyuki et al.
US 4284335 A	19810818	Focus detecting apparatus	396/103	250/201.7; 396/116; 396/147	Takemae; Mikio et al.
US 4269491 A	19810526	Distance information judging circuit for focus detecting apparatus	396/104	356/4.05; 396/127	Hagyuda; Nobuyoshi et al.
US 4267233 A	19810512	Electrically conductive fiber and method for producing the same	428/389	427/400; 427/58; 428/392; 428/394; 428/395; 442/187; 442/301; 442/307;	Tanaka; Hiroaki et al.

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US 4176924 A	19791204	Shutter release mechanism for cinecamera	352/174		Hagiuda; Nobuyoshi et al.
US 4057333 A	19771108	Exposure time control device in a cinecamera	352/141	352/121	Akasaka; Shigeo et al.
US 3997832 A	19761214	Circuit for applying starting voltage to load	363/60	307/110; 318/139; 388/833	Tanaka; Hiroaki et al.
US 3826886 A	19740730	CONTACT MATERIAL	200/266	420/463	Hara; Toshito et al.
US 3619257 A	19711109	PREPARATION OF PLURAL LAYER SYNTHETIC LEATHER AND THE LIKE	427/246	427/303; 428/904; 521/63; 521/64	Fukada; Kazuo et al.
US 3513834 A	19700526	ANESTHETIC DEPTH MEASURING SYSTEM [TEXT AVAILABLE IN USOCR DATABASE]	600/544		SUZUKI TAKAJI et al.